

Name : _____

Adding Binomials

Single-variable: L2S2

Arrange and add the binomials.

1) $8k^3 + \frac{1}{4}$, $\frac{2}{3}k^2 + 5k$

2) $5s^3 + 7s^5$, $2s^5 - 5s^3$

3) $\frac{2}{5}p^5 + p^4$,

PREVIEW

$+ \frac{5}{9}b^6$

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

5) $9r - 2$, $\frac{3}{4}$

$c^3 + \frac{1}{3}c^2$

7) $-\frac{5}{6}y - y^2$, $-\frac{1}{6}y + \frac{1}{5}y^2$

8) $-u - 10$, $\frac{3}{8}u^6 - 2u$

Answer key**Adding Binomials**

Single-variable: L2S2

Arrange and add the binomials.

1) $8k^3 + \frac{1}{4}$, $\frac{2}{3}k^2 + 5k$

$$\begin{array}{r} 8k^3 \\ (+) + \frac{1}{4} \\ \hline 8k^3 + \frac{2}{3}k^2 + 5k + \frac{1}{4} \end{array}$$

2) $5s^3 + 7s^5$, $2s^5 - 5s^3$

$$\begin{array}{r} 7s^5 + 5s^3 \\ (+) 2s^5 - 5s^3 \\ \hline 9s^5 \end{array}$$

3) $\frac{2}{5}p^5 + p^4$, $\frac{5}{9}b^6$

$$\begin{array}{r} \frac{2}{5}p^5 \\ (+) p^5 \\ \hline \frac{7}{5}p^5 \end{array}$$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

$$\begin{array}{r} + \frac{5}{9}b^6 \\ - \frac{2}{9} \\ + \frac{4}{9} \\ + \frac{2}{9} \end{array}$$

5) $9r - 2$, $\frac{3}{4}$

$$\begin{array}{r} 9r \\ (+) -7r \\ \hline 2r \end{array}$$

$$c^3 + \frac{1}{3}c^2$$

$$+ 8c^3$$

$$c^3 + \frac{1}{3}c^2$$

$$+ 9c^3 + \frac{1}{3}c^2$$

7) $-\frac{5}{6}y - y^2$, $-\frac{1}{6}y + \frac{1}{5}y^2$

$$\begin{array}{r} -y^2 - \frac{5}{6}y \\ (+) \frac{1}{5}y^2 - \frac{1}{6}y \\ \hline -\frac{4}{5}y^2 - y \end{array}$$

8) $-u - 10$, $\frac{3}{8}u^6 - 2u$

$$\begin{array}{r} -u - 10 \\ (+) \frac{3}{8}u^6 - 2u \\ \hline \frac{3}{8}u^6 - 3u - 10 \end{array}$$